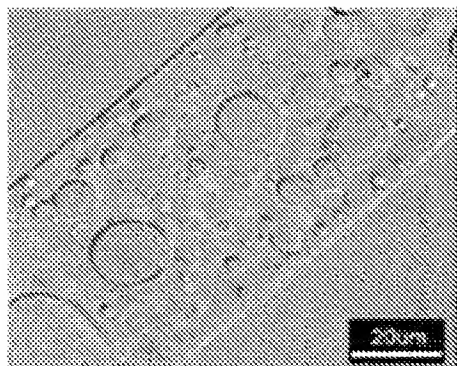
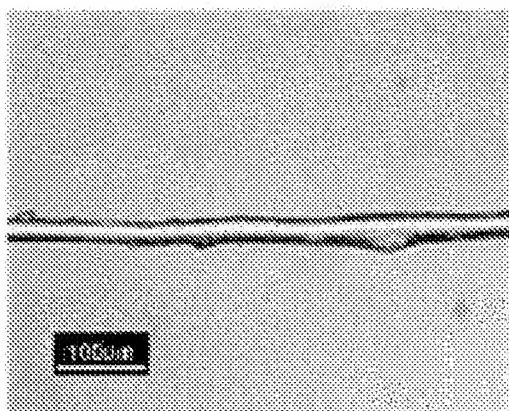


**Figure 1:** Viscosities of Resins used as Sheath Components at 250°C



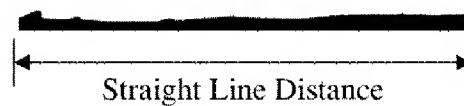
**Figure 2:** Microtome Image of STYRON in 6D43 at 100x



**Figure 3:** Original Light Microscopy Image of Fiber



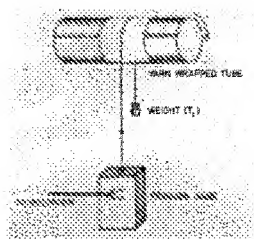
**Figure 4:** Binary Image of Fiber



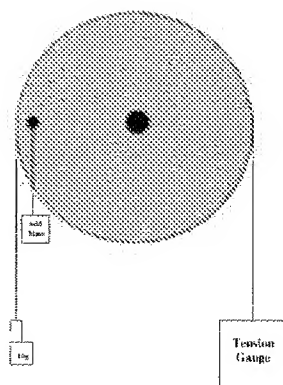
**Figure 5:** Example Image for Length-Difference Method



**Figure 6:** Lined Representation of Fiber



**Figure 7: Capstan Yarn Friction Apparatus**



**Figure 8: Static Friction Test Set-up**

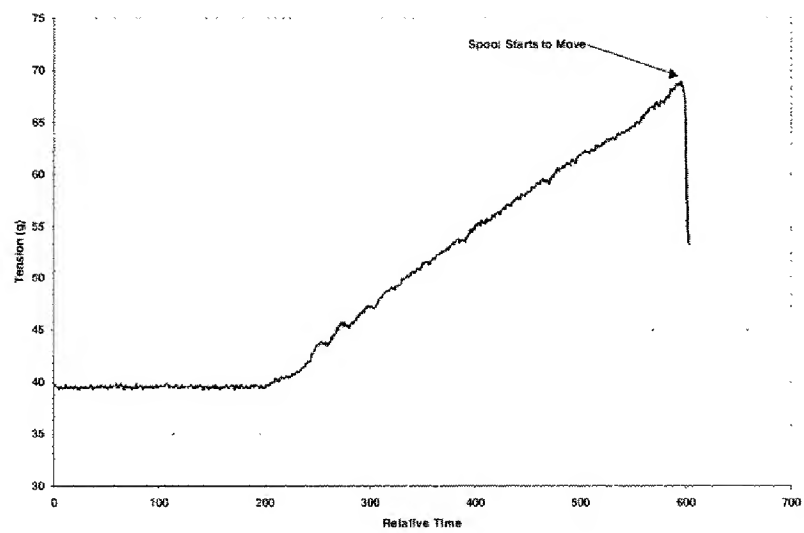


Figure 9: Increase in Yarn Tension with Addition of Mass to Spool

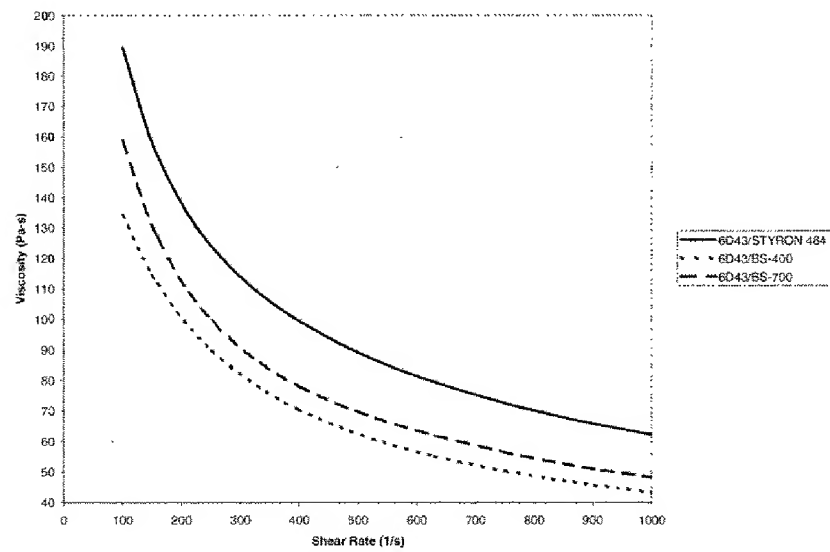


Figure 10: Viscosities of 6D43 Blends at 250°C

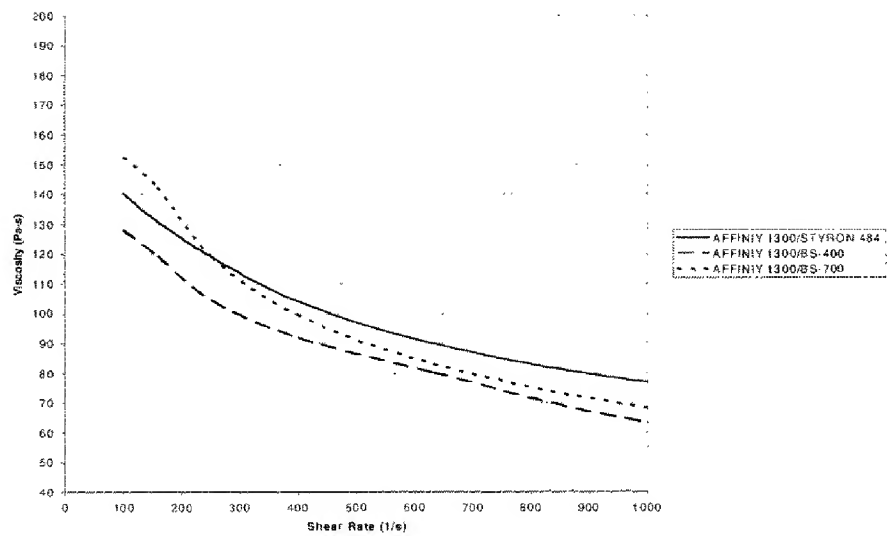


Figure 11: Viscosities of ASPUN Blends at 250°C

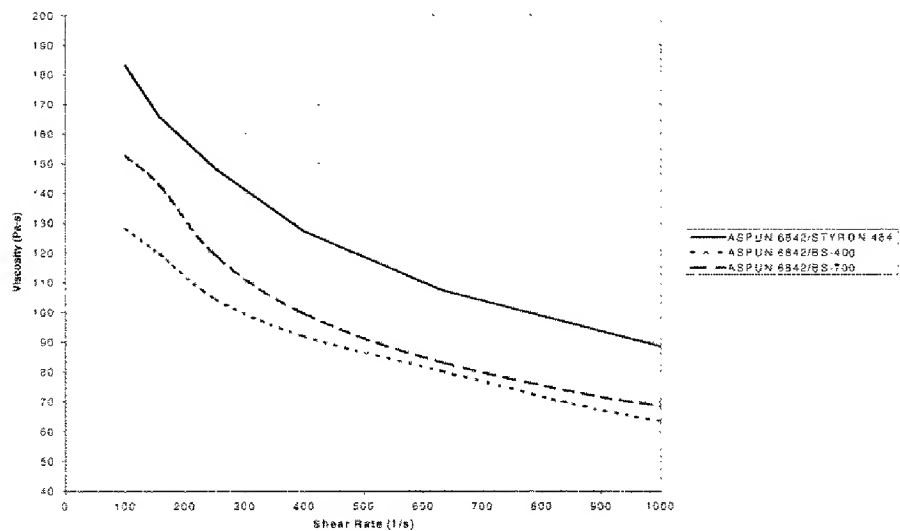


Figure 12: Viscosities of AFFINITY Blends at 250°C